

IN THE CLAIMS:

This listing of claims will replace all prior versions and listing of claims in the application:

Listing of Claims:

Claims 1 - 15 (cancelled).

16. (new) Method for gluing wood fibers comprising the steps of pressurizing and conveying glue to a plurality of nozzles, forming a curtain of said wood fibers and emitting the pressurized glue from the plurality of nozzles to atomize the glue and to apply the atomized glue to the wood fibers forming the curtain, the pressurized glue being conveyed to and emitted from each nozzle at a pressure of from about 15 bar to about 250 bar and a flow of more than 1 liter/minute.

17. (new) Method according to claim 16, wherein said glue is pressurized to a pressure of from about 40 bar to about 90 bar.

18. (new) Method according to claim 17, further including the step of providing a high-pressure pump having

an adjustable rotational operating speed for varying the pressurization of said glue, and adjusting the pump speed and pressurization of the glue.

19. (new) Method according to claim 16, wherein said glue is a glue-water mixture and said glue-water mixture is atomized, the proportion of glue being 45% to 60% by weight.

20. (new) Method according to claim 19, wherein said proportion of glue is 50% to 60% by weight.

21. (new) Method according to claims 19 or 20, wherein said glue is entirely or predominantly a urea resin.

22. (new) Method according to claim 16 or 19, further including pressing the wood fibers provided with glue to form a board having a thickness of not more than 10 mm.

23. (new) Method according to claim 22, further including providing a calendar press, and pressing the wood fibers with said calendar press to form said board.

24. (new) Apparatus for performing the method according to claims 16 or 19, comprising means for forming

the curtain of wood fibers, means for conveying and pressurizing said glue, nozzles for atomizing the conveyed glue, and a high-pressure pump for nebulizing glue, said high-pressure pump having an adjustable rotational operating speed.

25. (new) Apparatus according to claim 24, wherein said nozzles are arranged in a semi-circle for emitting nebulized glue and supplying nebulized glue into a mixer which is provided for mixing the nebulized glue and the wood fibers.

26. (new) Apparatus according to claim 25, further comprising a calendar press for pressing the wood fibers provided with glue to form a board.

27. (new) Apparatus according to claim 26, further comprising a flow rate meter for measuring and/or controlling the amount of glue applied to the wood fibers.

28. (new) Apparatus according to claim 27, further comprising air means for supplying compressed air to said high-pressure nozzles.

29. (new) Apparatus according to claim 28, further comprising water means for supplying warm water to be mixed with said glue to form said glue-water mixture.

30. (new) Apparatus according to claim 29, further comprising a bypass line for supplying glue to said nozzles in parallel with said flow rate meter.

31. (new) Apparatus according to claim 30, further comprising stop valves for controlling and/or dosing the supply of glue, warm water and/or compressed air.

32. (new) Apparatus according to claim 31, further comprising a device for closing said high-pressured nozzles.

33. (new) Apparatus according to claim 32, wherein said air means, water means, bypass line and valves are designed to resist a pressure of up to 100 bar.